



IMPOSING STATEMENTS USED TOGETHER OR INDEPENDENTLY

1600 Wall System®1 / System®2 Curtain Wall

Building on the proven success of Kawneer's 1600 Wall System® that set the standard for curtain wall engineering, 1600 Wall System®1 Curtain Wall and 1600 Wall System®2 Curtain Wall provide reliability with versatile features.

Both are stick-fabricated, pressure-glazed curtain walls for low- to mid-rise applications and are designed to be used independently or as an integrated system to provide visual impact for almost any type of building.

- 1600 Wall System®1 is an outside-glazed, captured curtain wall.
- 1600 Wall System®2 is a structural silicone glazed (SSG) curtain wall.

AESTHETICS

Even the smallest details of 1600 System®1 and 1600 Wall System®2 Curtain Wall reflect the aesthetics and reliability that derive from Kawneer's precise engineering and experience. The joinery for both systems is accomplished with concealed fasteners to create unbroken lines and a monolithic appearance. When using optional, open-back horizontal mullions, the fillers snap at the edge, producing an uninterrupted sightline.

PERFORMANCE

Key aspects of 1600 System®1 Curtain Wall and 1600 Wall System®2 Curtain Wall are enhanced for higher performance. Pressure equalization has been designed into the system, and all components are silicone compatible to provide superior longevity. For installations where severe weather conditions are prevalent, 1600 Wall System®1 has been large-missile hurricane impact and cycle tested. Proven through years of high performance, both systems are tested according to industry standards:

PERFORMANCE TEST STANDARDS

Air Infiltration	ASTM E283; TAS 202, AAMA 501
Water Infiltration	ASTM E547, E331; AAMA 501
Severe Wind-Driven Rain	AAMA 520
Structural - Uniform Wind Load	ASTM E330; AAMA 501
Thermal Transmittance-U-Factor	NFRC 100, AAMA 1503, 507
Condensation Resistance (CRF, I, CR)	AAMA 1503; CSA A440; NFRC 500
Solar Heat Gain (SHGC), Visual Light Transmission (VT)	AAMA 507; NFRC 200
Acoustical (STC & OITC)	ASTM E90, E1425; AAMA 1801
Seismic Performance	AAMA 501.4. AAMA 501.6
Blast	AST F1642, UFC 4-010-01
Impact / hurricane	ASTM E1886, ASTM E1996, TAS 201, 202, 203

FOR THE FINISHING TOUCH

Architectural Class I anodized aluminum finishes are available in clear and Permanodic™ color choices.

Painted finishes, including fluoropolymer, that meet AAMA 2605 are offered in many standard choices and an unlimited number of specially designed colors.

Solvent-free powder coatings enhance sustainability and deliver high performance, durability and scratch resistance that meet the standards of AAMA 2604.

